

Claims

1. A modified release pharmaceutical composition in the form of a capsule, the capsule comprising:
 - a coated or uncoated capsule body
 - a coated or uncoated capsule cap
 - at least one tablet
 - a granulate
2. The pharmaceutical composition according to claim 1 wherein the granulate comprises an active substance.
3. The pharmaceutical composition according to claim 1 wherein the tablet and the granulate comprise an active substance.
4. The pharmaceutical composition according to claims 1 - 3 wherein the active substance is selected from the active substances having an absorption window in the upper part of the gastrointestinal tract.
5. The pharmaceutical composition according to claims 1 - 4 wherein the active substance is selected from the active substances from the groups: antihypertensives, peptidomimetic substances, antiulcer agents, analgesics, antipsychotics, antidepressants, antiepileptics, cytostatics, antimigraine agents, antiviral substances, antibiotics, anti-inflammatory agents, sedatives, antidiabetic agents, antihistamines, vitamins, bronchodilators, diuretics, hypolipemic agents, antiobesity agents.
6. The pharmaceutical composition according to claim 1 wherein the capsule body and the cap are made from hydroxypropyl methylcellulose.

7. The pharmaceutical composition according to claim 1 wherein the capsule body is coated with a coating which is insoluble in an acidic medium.
8. The pharmaceutical composition according to claim 1 wherein the capsule cap is coated with a coating which is insoluble in an acidic medium.
9. The pharmaceutical composition according to claim 1 wherein the capsule body is coated with a coating which is insoluble independent of pH.
10. The pharmaceutical composition according to claim 1 wherein the capsule cap is coated with a coating which is insoluble independent of pH
11. The pharmaceutical composition according to claim 1 wherein the capsule body is coated with a coating which is poorly soluble in an acidic medium.
12. The pharmaceutical composition according to claim 1 wherein the capsule cap is coated with a coating which is poorly soluble in an acidic medium
13. The pharmaceutical composition according to claim 1 wherein the capsule body is coated with a coating which is poorly soluble independent of pH.
14. The pharmaceutical composition according to claim 1 wherein the capsule cap is coated with a coating which is poorly soluble independent of pH
15. The pharmaceutical composition according to claim 1 wherein the capsule body is coated with a coating which is a combination of insoluble and soluble polymers.

16. The pharmaceutical composition according to claim 1 wherein the capsule cap is coated with a coating which is a combination of insoluble and soluble polymers.
17. The pharmaceutical composition according to claim 1 wherein the capsule cap is coated with a coating which is better soluble than a coating of the capsule body.
18. The pharmaceutical composition according to claim 1 wherein the capsule body is coated with a coating which is better soluble than a coating of the capsule cap.
19. The pharmaceutical composition according to claim 1 wherein the capsule body and cap are coated with the same coating.
20. The pharmaceutical composition according to claims 1 wherein a coating thickness of the body is the same as a coating thickness of the cap.
21. The pharmaceutical composition according to claim 1 wherein coating thickness of the capsule body and the cap are different.
22. The pharmaceutical composition according to claim 1 wherein the capsule body coating comprises copolymers of acrylic and methacrylic acid.
23. The pharmaceutical composition according to claim 1 wherein the capsule cap coating comprises copolymers of acrylic and methacrylic acid
24. The pharmaceutical composition according to claim 1 wherein the capsule body coating comprises a combination of ethylcellulose and hydroxypropylmethylcellulose.

25. The pharmaceutical composition according to claim 1 wherein the capsule cap coating comprises a combination of ethylcellulose and hydroxypropylmethylcellulose.
26. The pharmaceutical composition according to claim 1 wherein the capsule body coating comprises a combination of ethylcellulose and hydroxypropylcellulose.
27. The pharmaceutical composition according to claim 1 wherein the capsule cap coating comprises a combination of ethylcellulose and hydroxypropylcellulose.
28. The pharmaceutical composition according to claim 1 wherein the capsule body is coated and the capsule cap uncoated.
29. The pharmaceutical composition according to claim 1 wherein the capsule cap is coated and the capsule body uncoated.
30. The pharmaceutical composition according to claim 1 wherein the granulate comprises at least one lipophilic or hydrophilic substance.
31. The pharmaceutical composition according to claims 1 and 30 wherein the granulate comprises hydroxypropylmethylcellulose.
32. The pharmaceutical composition according to claim 1 wherein the granulate optionally comprises fillers, binders, disintegrants, glidants, lubricants and excipients that enhance the absorption of drugs from gastrointestinal tract.

33. The pharmaceutical composition according to claim 1 wherein the composition of the tablet is the same as the composition of the granulate.
34. The pharmaceutical composition according to claim 1 wherein the composition of the tablet is different from the composition of granulate.
35. The pharmaceutical composition according to claim 1 wherein the tablet comprises at least one lipophilic or hydrophilic substance.
36. The pharmaceutical composition according to claims 1 and 35 wherein the tablet comprises hydroxypropylmethylcellulose.
37. The pharmaceutical composition according to claim 1 wherein the tablet optionally comprises fillers, binders, disintegrants, glidants, lubricants and excipients that enhance the absorption of drugs from gastrointestinal tract.
38. The pharmaceutical composition according to claim 1 wherein the tablet does not contain an active substance.
39. The pharmaceutical composition according to claim 1 which comprises one, two or more tablets.
40. The pharmaceutical composition according to claims 1 and 39 wherein the composition of all tablets is the same.
41. The pharmaceutical composition according to claims 1 and 39 wherein the composition of the tablets is different.
42. The pharmaceutical composition according to claims 1 and 39 wherein the tablets contain different active substances.